

16 June 1969
SC-1913

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[REDACTED]
P. O. Box 8294
Southwest Station
Washington, D. C. 20024

Subject: Inspection and X-Y Alignment of Model 552A-104

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[REDACTED]
As a result of our discussions regarding service repair and alignment of X-Y stages on the 552A-104 Stereo Comparator, we are pleased to submit the following two-phase program for your consideration:

PHASE I

Inspection Service

Inspect the 552A-104 to determine the extent of repairs required and check X-Y carriage-alignment condition.

This will include in-house investigations and analysis of test data as well as Engineering/Quality Control records on components such as bushings, ways, screws, critical-to-final alignment accuracies.

Cost

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[REDACTED] per attached summary sheet.

PHASE II

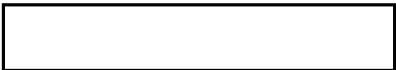
X-Y Alignment of 552A-104

Present estimates indicate 4 manweeks of field work will be required to align and check out the system. In addition, certain in-house support will be required in preparation of alignment fixturing and special tools.

It is expected that time will be available during the 4-week period for cleanup, lubrication, and minor repairs and/or adjustments. Our estimate does not anticipate the need for major repairs or component replacements.

Declass Review by NGA.

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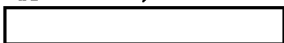
Phase II (cont'd)

Estimated Cost

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 per attached summary sheet.

The above estimate is based on

- 1) Normal daytime working hours -- Monday through Friday
-- and equipment currently in good working condition
- 2) Support from your personnel and your shop equipment, when
and if necessary to expedite work
- 3) Electronic noise suppression or interface debugging of
encoder readout system is not included.
- 4) Orthogonal alignment and measuring accuracy goals will be
firmed up after Phase I inspection, test and analysis is
completed.
- 5) No major repairs or component-replacement costs are
included in the above estimates. If these are found to be
necessary, we will provide appropriate estimates for your
consideration.
- 6) Formal calibration is not included. However, a 9x18-inch
calibrated grid will be employed by 
(drawing enclosed) for test and checkout.

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If you require any additional information, please contact the undersigned.

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Very truly yours,

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